

ABSTRACT

It is objected to simplify a procedure concerning bandwidth acquisition. Bandwidth acquiring means 809 of a second transmitting apparatus 814 acquires a bandwidth which was used by a first transmitting apparatus 806 by using a propagation delay identifier 804 read from first transmitting apparatus 806 and a maximum transmission data size 805 after stopping transmission of first transmitting apparatus 806. Each apparatus is composed so that transmission is started using this bandwidth and because returning and re-acquisition are not accompanied when the transmission is switched, necessary procedure can be simplified. Further, it is possible to effectively use the bandwidth by using a propagation delay identifier.